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(FILE 'HOME' ENTERED AT 11:51:23 ON 27 JUL 2009)

L1 FILE 'REGISTRY' ENTERED AT 11:51:37 ON 27 JUL 2009
STRUCTURE UPLOADED
D
L2 0 SEA SSS SAM L1
L3 2 SEA SSS FUL L1
D L3 1-2 SQIDE

L4 FILE 'ZCAPLUS' ENTERED AT 11:53:11 ON 27 JUL 2009
1 SEA ABB=ON PLU=ON L3
D L4 IBIB

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 JUL 2009 HIGHEST RN 1168220-55-0

DICTIONARY FILE UPDATES: 24 JUL 2009 HIGHEST RN 1168220-55-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE ZCAPLUS

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FILE COVERS 1907 - 27 Jul 2009 VOL 151 ISS 5

FILE LAST UPDATED: 26 Jul 2009 (20090726/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

ZCaplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

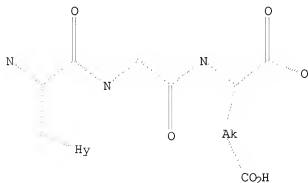
<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/CAPLUS family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 22.

L1

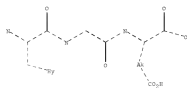
STR



Structure attributes must be viewed using STN Express query preparation.

L3 2 SEA FILE=REGISTRY SSS FUL L1

L4 1 SEA FILE=ZCAPLUS ABB=ON PLU=ON L3



chain nodes :

1 2 3 4 6 7 8 9 10 11 12 13 14 15 16 17

ring nodes :

5

chain bonds :

1-2 2-3 2-9 3-4 3-11 4-5 5-6 6-7 6-12 7-8 8-13 8-14 9-10 13-16 13-17 14-15

exact/norm bonds :

1-2 2-3 2-9 3-4 3-11 4-5 5-6 6-7 6-12 7-8 8-13 8-14 9-10 13-16 13-17 14-15

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:Atom

11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

Generic attributes :

14:

Type of chain : Linear

Number of Carbon Atoms : less than 7